AMENDMENT UNDER 37 C.F.R. § 1.111 Attorney Docket No.: Q77349

Application No.: 10/665,006

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the

application:

LISTING OF CLAIMS:

1. (currently amended): A method for producing a 3-methylthiopropanal in a continuous

manner, the method comprising the step of supplying an acrolein and a methyl mercaptan

together or sequentially with an acidic compound and a basic compound into a reaction system to

react the acrolein with the methyl mercaptan,

wherein the basic compound is used in an amount of 0.3 mol or less per mol of the acidic

compound, and

wherein the acidic compound is an aliphatic carboxylic acid and the basic compound is a

nitrogen-containing organic base.

2. (original): The method according to claim 1, wherein the acrolein and the methyl

mercaptan are supplied together with the acidic compound and the basic compound into the

reaction system.

3. (original): The method according to claim 2, wherein the acidic compound and basic

compound are previously mixed with each other before being supplied into the reaction system.

4. (previously presented): The method according to any one of claims 1 to 3, wherein the

basic compound is used in an amount of from 0.05 to 0.3 mol, per mol of the acidic compound.

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5. (previously presented): The method according to claim 4, wherein the basic compound is used in an amount of from 0.1 to 0.25 mol, per mol of the acidic compound.